

SECTION C-17

PERFORMANCE REQUIREMENTS DOCUMENT

(Training Land Management)

C-17. Training Land Management —Description of Services.**C-17.1. Scope of Work.**

This description of services describes the United States Army Garrison, Fort Sam Houston Training Land Management (TLM) support services that shall be performed by the Service Provider. The purpose of this Performance Requirements Document (PRD) and the resulting contract is to obtain efficient, cost-effective Base Operations (BASOPS) services for all activities on Fort Sam Houston, its sub-installations, leased facilities and other off-post sites as defined in appropriate support agreements. The quantities of work are listed in C-17.4. Technical Exhibit 6, Annual Workload and Associated Factors.

The Service Provider shall perform all operations specified in the PRD beginning on the first day of the base performance period. All work or requirements that have been started by the Government, but not completed as of the first day of the base performance period, shall be completed by the Service Provider.

C-17.2. Summary of Expectations.

The Service Provider shall perform designated Training Land Management support services to include, but not limited to, the development, scheduling, supervision, and implementation of maintenance and rehabilitation actions and activities and operations of ranges, training areas, and maneuver areas. The Service Provider shall enforce range safety and provide range control and maintenance, repairs and improvements, and base operations support. Camp Bullis Training Site is a 28,000-acre sub installation of U.S. Army, Fort Sam Houston and serves as the primary field training installation of all military activities in the south Texas area. The Service Provider shall provide training area management support services to Active Duty, Guard, and Reserve military personnel of the uniformed services, DOD civilians, other authorized federal, state and local government activities, authorized civic organizations, and individuals participating in Outdoor Recreation Activities. Customers utilized the range training areas for 702,000 man-days in FY99; based upon a formula of one person/one day equals one man-day of training. The range utilization increased by 18% between FY98 and FY99 and is projected to increase by 5-10% per year. The Service Provider shall provide assistance as required to the Fire Department and other emergency response agencies to control range fires, HAZMAT incidents, UXO findings, and contingency situations. The Service Provider shall ensure users of Camp Bullis conduct activities in full compliance with applicable statutes, regulations, and policies of environmental conservation programs. The Service Provider shall practice natural and cultural resource management that sustain land assets to support training and other installation missions. A consolidated listing of mandatory and advisory documents applicable to this PRD is contained in C-17.4, Technical Exhibit 4, Publications and Forms.

The Service Provider shall be responsible for applying appropriate mandatory and advisory technical standards, resources, and priorities to fulfill product and service requirements, aiding the customer in defining and quantifying his expectations of satisfactory quality, and performing any rework necessary to yield a final product or service that will ensure high customer satisfaction. See Technical Exhibit 1 and Technical Exhibit 7 for a listing which includes, but is not limited to, services for which the Government has identified at least one type of standard which is significant to satisfactory performance. The absence of comprehensive Government standards does not absolve the Service Provider of the overall responsibility to generate high quality products and services according to normal business practices and industry standards, nor does this condition detract from Government enforceability nor limit the rights or remedies of the Government under all provisions of the contract.

The operating hours for Training Land Management shall be from 7:00 A.M. to 5:00 P.M., Monday through Friday, excluding government holidays. Range Control operating hours are 24 hours a day, 7 days a week. In addition to direct coordination with supported customers, the Service Provider shall also coordinate with other Government offices and Government Contractors to the extent necessary to ensure satisfactory performance under this PRD and to effect a smooth hand-off of work to and from other Government or contracted service providers.

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The Department of the Army established the Integrated Training Area Management (ITAM) program (AR 350-4) to maximize use of Army lands for training. The ITAM program provides Camp Bullis with a singular management concept and program that integrates natural and cultural resource management requirements, training, and other mission requirements to achieve an optimum, sustainable use of training lands while complying with established environmental criteria. The ITAM objective is to inventory, monitor, and evaluate trends and capability of training lands, to enhance, improve, maintain, rehabilitate, and repair training land resources, to educate personnel using these resources, and to integrate training and natural resources. The ITAM program is comprised of four primary components which include Land Condition Trend Analysis (LCTA), Land Rehabilitation and Maintenance (LRAM), Environmental Awareness (EA), and Training Requirements Integration (TRI).

C-17.3. Services Performed.

C-17.3.1. The Service Provider shall supervise range operations, schedule, coordinate, and control the use of all ranges, maneuver areas, training areas, air space, and facilities.

C-17.3.1.1. *The Service Provider shall schedule range activities.* The Service Provider shall process all training requests (FSH Form 2070/2070-1) from units to schedule use of ranges, maneuver areas, training areas, air space, and logistical facilities using the Range Facility Management Support System (RFMSS). This includes assigning training areas and cantonment facilities to units according to priority of request and availability of facilities and notifying units of training request status. The Service Provider shall enter all training requirements, training resources, and facility assignments into the RFMSS system, to include all subsequent changes and updates as required to ensure the system reflects current and accurate training resource and facility utilization and scheduling information. The Service Provider shall attend coordination, planning, and training meetings as required. This includes large scale training exercises, to include but not limited to, JROTC summer camp, ROTC field training, Expert Field Medical Badge Competition, Reserve Unit training, New Commander's/First Sergeant Course, and Camp Bullis Training Forum. The Service Provider shall clear any RFMSS scheduled mail, and submit RFMSS trouble calls to Information Systems Operational Center (ISOC), Fort Huachuca. The Service Provider shall notify the FSH fire department and the San Antonio Tower in the event of any planned aircraft landings or aircraft operations.

Unit Scheduling Priorities:
1. All Field Training Exercises (FTX) and Joint Field Training Exercises scheduled by higher headquarters
2. Active duty units/schools stationed on Fort Sam Houston/Camp Bullis
3. Reserve Component Units stationed of Fort Sam Houston/Camp Bullis
4. Other Reserve component units stationed within the Fort Sam Houston Support area
5. Active duty units stationed other than at Fort Sam Houston/Camp Bullis
6. Reserve Component units regardless of location
7. Senior ROTC within the Fort Sam Houston support area
8. Junior ROTC and all others
Note: The order of priority within each military category is Army, Joint, and other services. Where Camp Bullis is the designated New Equipment Training site operated by a Fort Sam Houston/Camp Bullis tenant, the units selected for training at that site will have the same priority as the Fort Sam Houston/Camp Bullis unit operating the site.

C-17.3.1.2. *The Service Provider shall publish training bulletins and schedules.* These documents contain detailed information concerning unit, dates, facilities, and type of training, and shall be updated as required to keep them current and accurate. The Service Provider shall distribute the training bulletin to the units, safety, Air Force Aid Station, Air Base Ground Defense Scheduler, Outdoor Recreation Center, and environmental. The Service Provider shall provide the training schedule to the AMEDDC&S, FSH, and Camp Bullis Commanders.

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C-17.3.1.3. *The Service Provider shall provide customer assistance and respond to customer inquiries.* The Service Provider shall provide technical assistance and guidance to all customers seeking information relative to the utilization of range and support facilities. This includes providing guidance on the proper completion of training request forms and counseling customers on safety and environmental procedures while using training facilities.

C-17.3.1.4. *The Service Provider shall train and certify Range Safety Officers and Range Officers.* The Service Provider shall verify a soldier's eligibility to become a range safety officer or range officer, provide training and materials, provide certification documentation, and enter certification information into RFMSS. The Service Provider shall maintain an updated roster of certified range safety officers and range officers.

C-17.3.1.5. *The Service Provider shall control range activities (24 hours a days, 7 days a week).*

C-17.3.1.5.1. *The Service Provider shall man the range control desk and control entry to all ranges.* This includes greeting and registering customers, verifying customer is a certified range safety officer/range officer, establishing communications, issuing assigned ranges and maneuver areas, keys, vehicle passes, and required safety equipment, monitoring and maintaining communications with units and aircraft entering and departing Camp Bullis airspace, and ensuring safety procedures are briefed and followed. The Service Provider shall respond to Unexploded Ordinance (UXO) sightings, verify and mark, notify and guide Explosive Ordnance Disposal (EOD) personnel to site, and provide UXO type and location to environmental. The Service Provider shall process unit pyrotechnics requests and obtain Government approval. The Service Provider shall notify fire department or emergency services in the event of any incident or pyrotechnics use. The Service Provider shall out-process customers from training area.

C-17.3.1.5.2. *The Service Provider shall update range activities using RFMS.* The Service Provider shall update unit training status, training resource utilization, ammunition usage, personnel trained per range, facility utilization, and scheduling data. The Service Provider shall monitor and track range use by units using RFMSS. This includes reviewing each unit's data entered into RFMSS, monitoring the unit's training, and entering any updates required to reflect real-time training status i.e., firing, clearing, and training facility status i.e., occupied, vacant. The Service Provider shall conduct RFMSS End of Day processing. The Service Provider shall install RFMSS system upgrades when software provided by the HQ DA program manager.

C-17.3.1.5.3. *The Service Provider shall inspect and clear ranges on site.* The Service Provider shall visually monitor ranges in use to ensure range and safety procedures are being followed. The Service Provider shall clear shooting ranges and maneuver areas after unit(s) use to verify brass is picked up, trash is cleared, facilities are clean, and no damage was caused prior to clearing unit from training area. Shooting ranges are utilized for night fires approximately 5% of the time. The Service Provider shall provide initial and follow-up response and assistance as required to all emergency and exercise situations to include fires, floods, vehicle accidents, and personal injuries.

C-17.3.1.5.4. *The Service Provider shall man the tower for Record Fire II Qualification Range, when in use, and operate the computer targeting control system.* This includes setting up and verifying the range is operational prior to units arrival, operating the range, providing maintenance to the range as required, performing safety checks, and closing down the range. The Service Provider shall perform weekly system operational checks when not in use.

C-17.3.2. The Service Provider shall repair and maintain all Camp Bullis training support resources.

C-17.3.2.1. *The Service Provider shall maintain range buildings and training support facilities.* The Service Provider shall inspect range buildings, training support facilities (towers, storage buildings, pit latrines, and bleacher covers), and training aids to identify required maintenance. The Service Provider shall maintain and repair range buildings, training support facilities, and training aids as directed by Camp Bullis Commander or designated representative. This includes making and repairing screens, repairing and replacing doors, minor plumbing and electrical work, replacing windows, and performing other minor structural repairs. The Service Provider shall

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replace or re-shingle roofs (to include plywood decking and rafters) and replace siding on range buildings and training support facilities. The Service Provider shall paint range structures, MIL-vans, and buildings annually. The Service Provider shall construct new training support facilities as required and shall include, but not be limited to, training canopies, ammunition tables, and rifle racks. The Service Provider shall police cantonment areas daily to remove trash and debris.

C-17.3.2.2. *The Service Provider shall maintain shooting ranges.* The Service Provider shall perform operational checks on target mechanisms (pneumatic and electrical), and trouble shoot, repair and replace target mechanisms, target frames, target silhouettes, range markers, lane markers, and stakes. The Service Provider shall paint and number lane markers, paint range markers, and fill and replace sandbags.

C-17.3.2.3. *The Service Provider shall make and install signs.*

C-17.3.3. The Service Provider shall perform grounds maintenance on training ranges and maneuver areas.

C-17.3.3.1. *The Service Provider shall mow grass in improved and semi-improved areas.* This includes but is not limited to, mowing around buildings, structures, obstacles, training support facilities and resources, fences, rock walls, bleachers, trees, telephone poles, gates, shrubs, roads and surface areas, berms, and shooting lanes, on shooting ranges. Grass is mowed approximately 9 months per year in improved and semi-improved areas (or as directed by environmental personnel to protect endangered species habitats) and along approximately 53 miles of roadsides (28 miles of paved and 25 miles bladed unpaved). The Service Provider shall clear glass clippings from sidewalks and road surfaces after mowing in cantonment areas. Additionally, the Service Provider shall report any UXOs found during mowing operations immediately to range control desk.

C-17.3.3.2. *The Service Provider shall weed-eat and edge grass in improved and semi-improved areas.* Weeding and edging are done approximately 9 months per year in improved and semi-improved areas (or as directed by environmental personnel to protect endangered species habitats) and along approximately 53 miles of roadsides (28 miles of paved and 25 miles bladed unpaved). This includes, but is not limited to, weed eating and edging around buildings, structures, obstacles, training support facilities and resources, road shoulders, fences, rock walls, bleachers, trees, telephone poles, signs, gates, shrubs, surface areas, berms, ditches, target mechanism, fox holes, target frames, and shooting lanes.

C-17.3.3.3. *The Service Provider shall clear brush from along road sides, training areas, fence lines, and firing areas approximately 5 months of the year from November to March or as directed by the Government official.* This includes removing cedar trees as required for new or expanded training areas.

C-17.3.3.4. *The Service Provider shall fertilize grounds (twice a year); mulch shrub beds and around trees; control weeds; and remove leaves, litter, and debris in the cantonment area as directed.*

C-17.3.3.5. *The Service Provider shall, as identified by the Government, construct field soakage pits (french drain) for field training requirements.*

C-17.3.3.6. *The Service Provider shall provide grounds support for special events.* This includes, but is not limited to, placing and setting up bleachers, grand stands, flags, etc. for command briefings, class presentations, graduations, commander's calls, change-of-command ceremonies, USAG off-site meetings, Defender Challenge, Expert Field Medical Badge (EFMB) Competition, and other special events as required.

C-17.3.4. The Service Provider shall provide logistical support to customers utilizing field-training areas.

C-17.3.4.1. *The Service Provider shall issue and clear support facilities.* The Service Provider shall perform pre-inspections of all facilities prior to issue. The Service Provider shall issue support facilities and keys to units, to include but not limited to hutments, theater, chapel, dining facility, visiting officers quarters, administrative buildings, and latrines. This includes conducting a walk through of the facility with the unit representative to validate the condition of the facility and inventory pre-positioned equipment prior to issue. The Service Provider shall conduct a final clearance inventory and inspection of the facility and equipment. Customer charges for

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replacement cost or damages will be identified to the Government. The Service Provider shall perform periodic facility janitorial services prior to issue and as required; and perform minor facility repairs to include, but not limited to, recharging and replacing fire extinguishers, replacing batteries in smoke detectors, and replacing light bulbs and fixtures. The Service Provider shall control keys to all facilities to include replacing lost keys.

C-17.3.4.2. *The Service Provider shall order, issue, restock, and ensure cleaning of government furnished bedding (linens, blankets, and pillows) issued to for all ROTC units, JROTC units, and distinguished visitors.* The Service Provider shall inspect bedding sets on turn-in for serviceability and account for any discrepancies, loss, or damages. Customer charges for replacement cost will be identified to the Government.

The Service Provider shall provide logistical support for special events. This includes setting up and testing presentation equipment (audio visual, public address system, podiums, etc.) and furniture in the recreation center or theater for command briefings, class presentations, graduations, commander's calls, change-of-command ceremonies, USAG off-site meetings, Defender Challenge, EFMB Competition and other special events as required.

C-17.3.5. The Service Provider shall prepare required reports. The Service Provider shall prepare reports to include but not limited to, monthly man-days of training report, monthly ammunition report, and annual Camp Bullis input to Installation Status Report (ISR) and submit to appropriate agencies.

C-17.3.6. The Service Provider shall provide support for the Integrated Training Area Management (ITAM) program. The Service Provider shall provide support to all aspects, components, and elements of funded ITAM programs as outlined in AR 350-4 to include Land Condition Trend Analysis (LCTA), operation of and data collection for the Geographic Information System (GIS) (reference C-10.3.3.2), providing input to Land Rehabilitation and Maintenance (LRAM) evaluations, project and contract development, and recommending implementation of corrective actions. The Service Provider shall provide input to the development and implementation of Environmental Awareness (EA) segments of the ITAM and the Training Requirements Integration (TRI). The Service Provider shall monitor and track maneuver, bivouac, and range use by units using RFMSS. This includes monitoring unit training and intensity of training activities, and evaluating the impact of training on resources using the Maneuver Impact Miles System (MIMS), Army Training and Testing Area Carrying Capacity (ATTACC), Land Condition Module (LCM), the Revised Universal Soil Loss Equation (RUSLE), and the ATTAC Integration Module (AIM). The Service Provider shall enter updates required to reflect training impacts and requirements. The Service Provider shall plan projects, prepare funding requests, and develop program justification and briefing packages in support of modernization, rehabilitation, and maintenance of training lands, resources, and facilities, and submit to the Government official for approval. The Service Provider shall prepare Army Range and Training Land program submissions and submit to the Government for approval. This includes developing and updating the Installation Range Training Land Program Development Plan and the Training Investment Strategy and supporting both at the Range Requirements Review and Utilization Board. The Service Provider shall review and evaluate the Range Training Land Program (RTLTP) to identify unit and agency organization structures, mission essential tasks for training, and the current and future mission training plans. The Service Provider shall utilize RTLTP data to determine carrying capacity of events with sustainment of natural and training resources, and to determine requirements and actions necessary to ensure training lands, resources, ranges, and facilities are available to support and sustain training requirements. The Service Provider shall develop and monitor the Installation Work Plan Analysis Module (IWAM), the automated Training Budget (TBUD), and Training Funding (TFUND) programs to calculate requirements and support funding requests, and monitor program execution for the ITAM Program. This includes presenting justification to appropriate agencies/offices and other echelons above installation as required by the Government. The Service Provider shall develop ITAM/Environmental projects and project requirements and submit to the Government for Installation Commander's approval. Development of project requirements include, but is not limited to, evaluating selected project site, gathering environmental impact data and environmental impact statements, preparing cost estimates, preparing scope of work, and submitting to the Government for approval. Examples of past contracted projects are: rehabilitate and/or repair nineteen agricultural water wells; repair and expand twelve water storage tanks; expand two surface impoundments to retain water; harden bivouac sites, parking areas, tent pads, and access roads; conduct annual LCTA survey and validation; conduct archeological surveys for developing tactical concealment areas and general land rehabilitation actions, maintain agricultural wells and components, performed prescribed burning, clearing brush and cedar from maneuver areas, and renovating tank trails. As required by the Government, the Service Provider shall cooperate with

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and support external agency audits of project scope and completion. The Service Provider shall participate in pre-construction and in-progress construction conferences with installation representatives, users, construction agents, and contractors. The Service Provider shall participate in final inspections and make recommendations to the Government for accepting or rejecting contracted work. The Service Provider shall notify and provide recommendations to the Government for any issues, actions, and problems requiring decisions. The Service Provider shall integrate all environmental laws, requirements, and considerations into land management and training utilization at Camp Bullis. The Service Provider shall establish procedures, and submit to the Government for approval, to manage range clearance operations to allow sustainable use of ranges for their intended purpose. This may include, but is not limited to, restricting access to impact areas and areas suspected of containing UXO, maintaining records of munitions expended, recommending hazard assessments prior to range clearance operations, and enforcing safe and practical methods of disposing of range residues.

FY99-03 ITAM Budget Estimates--Major Categories

ITAM	FY99	FY00	FY01	FY02	FY03
LCTA	\$159K	\$175K	\$181K	\$177K	\$189K
TRI	\$148K	\$158K	\$178	\$193	\$204
LRAM	\$1182K	\$1038K	\$986K	\$881K	\$702
EA	\$12K	\$12K	\$13K	\$13K	\$16K

C-17.4. Technical Exhibits.

TECHNICAL EXHIBIT 1 – SERVICE PERFORMANCE SUMMARY (SPS)

TECHNICAL EXHIBIT 2 – GOVERNMENT FURNISHED CONTRACTS

TECHNICAL EXHIBIT 3 – ACRONYMS AND DEFINITIONS

TECHNICAL EXHIBIT 4 – PUBLICATIONS AND FORMS

TECHNICAL EXHIBIT 5 – REQUIRED REPORTS

TECHNICAL EXHIBIT 6 – ESTIMATED ANNUAL WORKLOAD AND ASSOCIATED FACTORS

TECHNICAL EXHIBIT 7 – PERFORMANCE SUMMARY OF QUALITY CONTROL STANDARDS

(Training Land Management Services)

TECHNICAL EXHIBITS

C-17.4.1. Technical Exhibit 1—Service Performance Summary (SPS).

C-17.4.1. SERVICE PERFORMANCE SUMMARY (SPS). The SPS charts, at the end of this technical exhibit:

C-17.4.1.1. Lists the specific paragraph in the SPS that the government will surveil. The absence of any contract requirement from the SPS shall not detract from its enforceability or limit the rights or remedies of the government under any other provision of the contract, including the clauses entitled “Inspection of Services” and “Default.”

C-17.4.1.2. Lists the service to be performed.

C-17.4.1.3. Lists the standard of performance for each specific service.

C-17.4.1.4. Lists the maximum error rate from standard performance for that service, that may occur before the government will determine the service to be unacceptable. The lot size is used when random sample is the basis for surveillance. The period of time covered by the inspection is also listed.

C-17.4.1.5. Lists the surveillance methods the government will use to evaluate the service provider’s performance in meeting the contract requirements.

C-17.4.2. GOVERNMENT QUALITY ASSURANCE. Service Provider performance will be compared to the contract standards and performance requirements using the Quality Assurance Surveillance Plan (QASP). This document is for government use only.

C-17.4.2.1. Random sampling of recurring service output items (daily, weekly, monthly, quarterly, semiannually, annually, or as required) as determined necessary to assure a sufficient evaluation of contractor performance.

C-17.4.2.2. One Hundred-Percent Inspection of those tasks that occur infrequently and cannot be random sampled because the sample size for a small lot may exceed the lot size. This type of inspection occurs each time a task is performed.

C-17.4.2.3. Periodic surveillance of output items (daily, weekly, monthly, quarterly, semiannually, annually, or as required) as determined necessary to assure a sufficient evaluation of contractor performance.

C-17.4.2.4. Customer complaints.

C-17.4.3. PERFORMANCE EVALUATION. Performance of a service will be evaluated to determine whether or not it meets the minimum standard listed in the contract. When the performance standard is exceeded, a Contract Discrepancy Report (CDR) will be issued to the contractor by the contracting officer. The contractor shall respond to the CDR by completing the form and returning it to the contracting officer within 15 calendar days of receipt

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PRD PARA	SERVICE PERFORMED	PERFORMANCE STANDARD	MAX ERROR RATE	SURV METHOD
C-17.3.1	The Service Provider shall supervise range operations, schedule, coordinate, and control the use of all ranges, maneuver areas, training areas, air space, and logistical facilities.	All customer satisfaction surveys rated "4" or above.	5% Lot = Number of customer surveys completed per month	Random Sample
C-17.3.1.1	The Service Provider shall schedule range activities.	All customer training requests (FSH Form 2070/2070-1) received will be scheduled within FSH 350-2 established priorities using RFMSS	3% Lot = Number of Customer Training Requests per month	Random Sample
C-17.3.1.2	The Service Provider shall publish training bulletins and schedules	All range/training area schedules will be completed and distributed by 5 workdays prior to beginning of next month	0% Lot = Number of schedules per year	Random Sample
C-17.3.1.4	The Service Provider shall train and certify Range Safety Officers and Range Officers.	All unit range safety officer and range officers will be certified prior to running live fire range and re-certified annually	0% Lot = Number of Safety Officers certified per year	Random Sample
C-17.3.1.5.1	The Service Provider shall man the range control desk and control entry to all ranges	Range controller dispatched within 15 minutes of all UXO discovery	0% Lot = Number of UXO responses per year	Random Sample
C-17.3.1.5.3	The Service Provider shall inspect ranges on site	Conduct range and safety inspections once daily for all units training on ranges and maneuver areas during on-going training	0% Lot = Number of range and safety inspections conducted per month	Random Sample
C-17.3.1.5.3	The Service Provider shall inspect and clear ranges on site	Range controller dispatched within 5 minutes of receipt from a unit request to clear	10% Lot = Number of emergency notifications per year	Random Sample
C-17.3.2.1	The Service Provider shall maintain range buildings and training support facilities	All range buildings, training support facilities, and training aids will be inspected annually for damage, safety, operational condition and discrepancies documented for repairs	5% Lot = Number of range buildings, training support facilities, and training aids inspected per year	Random Sample
C-17.3.2.2	The Service Provider shall maintain shooting ranges	All target mechanisms and target frames will be operational	2% Lot = Number of target mechanisms maintained per year	Random Sample
C-17.3.2.2	The Service Provider shall maintain shooting ranges	All target silhouettes will be replaced when no longer serviceable	3% Lot = Number of target silhouettes replaced per month	Random Sample
C-17.3.3.1	The Service Provider shall mow grass in improved and semi-improved areas.	Grass height in improved grounds area will be maintained between 3 and 4 inches	8% Lot = Number of acres of improved grounds mowed per month	Random Sample

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PRD PARA	SERVICE PERFORMED	PERFORMANCE STANDARD	MAX ERROR RATE	SURV METHOD
C-17.3.3.2	The Service Provider shall weed eat and edge grass in improved and semi-improved areas	All improved and semi-improved areas requiring weed eating and edging will be maintained at the same height as the surrounding area	10% Lot = Number of linear feet of weed eating and edging per month	Random Sample
C-17.3.4.1	The Service Provider shall issue support facilities	All Facilities issued on scheduled date/time must be clean and operational, with serviceable furniture and safety equipment installed; equipment inventoried and keys issued; facilities, equipment, and keys signed for by unit representative	1% Lot = Number of facilities issued per month	Random Sample
C-17.3.4.1	The Service Provider shall issue support facilities	All facility final clearance inspections will be conducted on scheduled date/time; must verify facility is clean and operational, with serviceable furniture and safety equipment; equipment and keys inventoried; discrepancies identified and corrected or scheduled for repair.	1 % Lot = Number of facility final clearance inspections per month	Random Sample
C-17.3.7	The Service Provider shall provide support for the Integrated Training Area Management (ITAM) program.	ITAM Annual Work Plan developed and submitted to Government official error-free and by established suspense date	0% Lot – Number of Item Annual Work Plans developed per year	Random Sample
C-17.3.7	The Service Provider shall provide support for the Integrated Training Area Management (ITAM) program.	Input for ITAM Budget for COB submitted to Government official error-free and by established suspense date	0% Lot = Number of ITAM Budget for COB submissions per year	Random Sample

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C-17.4.2. Technical Exhibit 2—Government Furnished Contracts.

Contract Number	Service Provider	Service Description	Comments
None Applicable			

C-17.4.3. Technical Exhibit 3—Acronyms and Definitions.

This Technical Exhibit contains only those acronyms and definitions that are unique to Section C-17 of the PRD. Please refer to Appendix A, Section C-1.5 for all others not cited in this Technical Exhibit.

ACRONYMS

AEC – Army Environmental Center
 AIM – ATTACC Integration Module
 ATTACC – Army Training & Testing Area Carrying Capacity
 EA– Environmental Awareness
 EOD – Explosive Ordinance Disposal
 ESMP – Endangered Species Management Plan
 FTX – Field Training Exercises
 GIS – Geographic Information System
 GPS – Global Positioning System
 ICARPUS – Installation Commander’s Annual Real Property Utilization Survey
 ICRMP – Integrated Cultural Resources Management Plan
 INRMP – Integrated Natural Resources Management Plan
 IRM – Installation Range Management
 ISOC – Information Systems Operational Center
 ISR – Installation Status Report
 ITAM – Integrated Training Area Management
 ITC – Installation Training Capacity
 IWAM – Installation Work Plan Analysis Module
 JMRTC – Joint Medical Readiness Training Center
 JROTC – Junior Reserve Officer Training Corp
 LCM – Land Condition Module
 LCTA – Land Condition Trend Analysis
 LMS – Land Management System
 LRAM – Land Rehabilitation and Maintenance
 MIMS – Maneuver Impact Miles System
 N/A – Not Available
 POV – Privately Owned Vehicle
 RFMSS – Range Facility Management Support System
 ROTC – Reserve Officers Training Corp
 RTLP – Range and Training Land Program
 RUSLE – Revised Universal Soil Loss Equation

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TBUD – Training Budget

TFUND – Training Funding

TIS – Training Investment Strategy

TLM – Training Land Management

TRI– Training Requirements Integration

UXO – Unexploded Ordinance

DEFINITIONS

Environmental Awareness (EA)

Educating military and civilian users regarding their responsibilities to minimize damage to resources and maintain compliance with established environmental criteria.

Land Condition Trend Analysis (LCTA)

Gathering data and assessing the condition of natural and cultural resources; managing the installation LTCA baseline database; monitoring and analyzing trends to the training land condition and making recommendations for management action, identifying and recommending priorities for land repair based on training.

Land Rehabilitation and Maintenance (LRAM)

Developing rehabilitation and maintenance plans and implementing projects (includes minor construction, rehabilitation, and maintenance projects) to restore or maintain training lands.

Range

A designated land or water area set aside, managed, and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapons systems, or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas. This definition does not include airspace, or water, or land areas underlying airspace used for training, testing, or research and development where military munitions have not been used.

Training Requirements Integration (TRI)

Integrating existing training lands natural resources with the current and future training mission requirements and providing recommendations on the allocation of land to support current and projected training requirements.

Unexploded Ordinance

Military munitions that have been primed, fused, armed, or otherwise prepared for action, and have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installation, personnel, or material and remain unexploded either by malfunction, design, or any other cause.

C-17.4.4. Technical Exhibit 4—Publications and Forms.

Publications and Forms that specifically apply to Section C-17 of the PRD are listed below. Appendix B, Section C-1 also contains listings of publications and forms that shall be included with this Technical Exhibit to define the full listing of applicable documents. The publications and forms have been coded as mandatory or advisory. The Service Provider is obligated to follow those publications and use those forms coded as mandatory to the extent specified in other portions of PRD Section C-17. The Service Provider shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this PRD. All publications and forms listed will be provided by the Government at the start of the contract. It is the responsibility of the Service Provider to establish follow-on requirements if necessary. Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract.

Table 4-1: Federal Government Documents

Document	Publication Name	Date
32 CFR 339	U.S. Code of Federal Regulation, National Defense, Part 339	Jul 99 Mandatory

Table 4-2: Department of Defense Documents

Document	Publication Name	Date
DODD 4715.11	Environmental and Explosives Safety Management on Department of Defense Active and Inactive Ranges Within the United States	17 Aug 99 Mandatory

Table 4-3: Army Regulations

Document	Publication Name	Date
AR 5-3	Installation Management and Organization	9 Oct 92 Mandatory
AR 75-1	Malfunctions Involving Ammunition and Explosives	23 Aug 93 Mandatory
AR 190-11	Physical Security of Arms, Ammunition, and Explosives	23 Aug 93 Mandatory
AR 210-21	Army Ranges and Training Land Program	01 May 97 Mandatory
AR 350-4	Integrated Training Area Management	8 May 98 Mandatory
AR 350-6	Army-Wide Small Arms Competitive Marksmanship	18 May 85 Mandatory
AR 350-41	Training in Units	19 May 93 Mandatory
AR 385-10	Army Safety Program	23 May 88 Mandatory
AR 385-40	Accident Reporting and Records	1 Nov 94 Mandatory
AR 385-63	Policies and Procedures for Firing Ammunition for Training, Target Practice and combat	15 Oct 83 Mandatory
AR 385-64	Ammunition and Explosives Safety Standards	28 Nov 87 Mandatory

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Document	Publication Name	Date
AR 420-90	Fire Protection	10 Sep 97 Mandatory
FM 5-250	Explosives and Demolitions	Jul 98 Mandatory
FM 7-10	The Infantry Rifle Company	14 Dec 90 Mandatory
FM 7-10	Tanks Combat Tables, M1	14 Dec 90 Mandatory
FM 21-10	Field Hygiene and Sanitation	22 Nov 88 Mandatory
FM 21-26	Map Reading and Land Navigation	30 Sep 87 Mandatory
FM 21-305	Manual for the Wheeled Vehicle Driver	27 Aug 93 Mandatory
FM 23-35	Combat Training with Pistols and Revolvers	3 Oct 88 Mandatory
FM 25-7	Training Ranges	16 Sep 85 Mandatory
TC 25-8	Training Ranges	25 Feb 92 Mandatory
TM 9-1300-206	Ammunition and Explosives Standards	6 Dec 89 Mandatory

Table 4-4: Department of the Army Pamphlets (DA Pam)

Document	Publication Name	Date
None Applicable		

Table 4-5: Ft Sam Houston Regulations, Pamphlets, and Supplements

Document	Publication Name	Date
FSH Reg 350-2	Camp Bullis Training Regulations	1 May 96 Mandatory

Table 4-6: Commercial and Other Standards

Document	Publication Name	Date
None Applicable		

Table 4-7: Forms

Document	Publication Name	Date
DA Form 581	Request for Issue and Turn-In of Ammunition	Aug 89
DA Form 1687	Notice of Delegation of Authority-Receipt for Supplies	Jan 82
DA Form 285	U.S. Army Accident Report	Jan 92
FSH Form 2070A	Request for Ranges/Training Areas	May 96
FSH Form 2070-1	Request for Aircraft Use on Camp Bullis Training Site	May 96
FSH Tag 8	Camp Bullis ID Badge	1 Feb 91

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C-17.4.5. Technical Exhibit 5—Required Reports.

Instructions to the Service Provider concerning each report listed below are contained in DD Forms 1423 and associated Data Item Descriptions (DIDs).

PRD REF	CDRL #	DESCRIPTION OF REPORT
		None

C-17.4.6. Technical Exhibit 6—Estimated Annual Workload and Associated Factors.

Table 6-1 lists the PRD services where estimated quantities of work output have been identified and as such are subject to variations. If, at the **end** of the basic and each option period, the total estimated workload for each subparagraph, considering complexity, difficulty, and cost of the various outputs below, varies above or below fifteen (15) percent from the total yearly estimated contract workload, negotiations for an equitable price adjustment (to include award fee pool) may be initiated by either party. The increases or decreases in estimated cost (to include award fee pool) shall be based on the net of all increases or decreases in changes to the workload for all sections. The yearly adjustment to the estimated contract cost, shall be made based only on the subparagraph(s) of the total contract whose workload increases *or* decreases in excess of fifteen (15) percent.

Table 6-1: Annual Work Counts

PRD Number	Work Count Title	Estimated Workload
C-17.3.1.1	Number of Customer Requests for Training Ranges Processed	7,095
C-17.3.1.1	Number of RFMSS Data Entries	61,037
C-17.3.1.1	Number of Coordination and Planning Meetings Attended for Large Scale Training	42
C-17.3.1.1	Number of RFMSS Functional Problems Resolved	17
C-17.3.1.2	Number of Training Bulletins Completed	52
C-17.3.1.2	Number of Training Schedules Completed	12
C-17.3.1.3	Number of Customer Inquiries	8,000
C-17.3.1.3	Number of First Time Customers	791
C-17.3.1.4	Number of Range Safety Officer and Range Officer Certifications	596
C-17.3.1.5.1	Number of Days Range Control Desk Manned	352
C-17.3.1.5.1	Number of Vehicle Passes Issued	192
C-17.3.1.5.1	Number of UXO Responses	38
C-17.3.1.5.1	Number of Unit Pyrotechnic Requests Processed	352
C-17.3.1.5.1	Number of Customers Out Processed From Training Area	4,300
C-17.3.1.5.2	Number of Range Control Desk RFMSS Updates	62,041
C-17.3.1.5.2	Number of RFMSS End of Days Conducted	365
C-17.3.1.5.3	Number of Range and Safety Inspections	8,600
C-17.3.1.5.3	Number of Maneuver Areas Cleared	2,569
C-17.3.1.5.3	Number of Shooting Ranges Cleared	1,731
C-17.3.1.5.3	Number of Emergency Situations and Exercises	24
C-17.3.1.5.4	Number of Days Manning and Operating Computer Targeting System, Record Fire II	37
C-17.3.2.1	Number of Range Buildings and Training Support Facilities Inspected Annually	96
C-17.3.2.1	Number of Weekly Inspections of Training Aids	52
C-17.3.2.1	Number of Roofs Replaced or Re-Shingled	9
C-17.3.2.1	Number of Siding Installations on Range Buildings	9
C-17.3.2.1	Number of Range Buildings and Training Support Facilities Painted	96

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PRD Number	Work Count Title	Estimated Workload
C-17.3.2.1	Number of Training Canopies Constructed	5
C-17.3.2.1	Number of Ammunition Tables Built	2
C-17.3.2.1	Number of Ammunition Tables Maintained	17
C-17.3.2.2	Number of Weekly Operational Checks on All Target Mechanisms	52
C-17.3.2.2	Number of Target Mechanisms Repaired or Replaced	138
C-17.3.2.2	Number of Target Frames Built	520
C-17.3.2.2	Number of Target Silhouettes Replaced	1300
C-17.3.2.2	Number of Lane Markers and Lane Stakes Built	104
C-17.3.2.2	Number of Lane Markers and Range Markers Painted	260
C-17.3.2.2	Number of Sand Bags Replaced	1,200
C-17.3.2.3	Number of Signs Made and Installed	40
C-17.3.2.3	Number of Signs Repaired	36
C-17.3.3.1	Number of Acres of Improved Grounds Mowed	443
C-17.3.3.1	Number of Acres of Semi-Improved Grounds Mowed	765
C-17.3.3.2	Number of Square Feet of Weed Eating and Edging	382,536
C-17.3.3.3	Total Acres of Brush Cleared	77
C-17.3.3.4	Number of Cubic Yards of Mulch	100
C-17.3.3.5	Number of Field Soakage Pits Constructed	28
C-17.3.3.6	Number of Special Events Provided Grounds Maintenance Support	60
C-17.3.4.1	Number of Facility Pre-Inspections	2,671
C-17.3.4.1	Number of Facilities Issued	2,671
C-17.3.4.1	Number of Facility Final Clearance Inspections	2,671
C-17.3.4.1	Number of Periodic Facility Repairs and Cleanings	1,757
C-17.3.4.1	Number of Facility Keys Controlled	417
C-17.3.4.2	Number of Linens Issued	3,816
C-17.3.4.2	Number of Linens Turned In	3,816
C-17.3.4.3	Number of Special Events Provided Logistics Support	60
C-17.3.6	Number of Monthly Ammunition Reports Completed	12
C-17.3.6	Number of Monthly Man-Days of Training Reports Completed	12
C-17.3.6	Number of Inputs to Ft Sam Houston ISR	1
C-17.3.7	Number of Range Development Plan Updates	1
C-17.3.7	Number of Installation Training Capacity Plan Updates	1
C-17.3.7	Number of Station Analysis Reports Prepared	1
C-17.3.7	Number of ITAM Annual Work Plans Developed	1
C-17.3.7	Number of Inputs for ITAM Budget for COB	1

The following table contains historical information regarding official Government travel necessary to fulfill services specified in Section C-17 of the PRD.

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Table 6-2: Annual Travel

PRD Number	Destination & Purpose	# Days per trip	FY 99	FY 00
C-17.3.7	ITAM Funding Conference	5	2	1
C-17.3.7	ITAM Land Management Conference	5	2	1
C-17.3.7	IWAM Conference	4	2	0
C-17.3.7	Ranges/Targets Conference	4	2	2

C-17.4.7. Technical Exhibit 7—Performance Summary of Quality Control Standards.

The services listed in this Performance Summary represent those key services for which at least one type of standard has been identified as necessary for satisfactory performance and shall be included in the Service Provider's QCP. Tasks called for in the Description of Services which have no pre-defined standard are not included. The absence of comprehensive Government standards does not absolve the Service Provider of the overall responsibility to generate high quality products and services according to normal business practices and industry standards, nor does this condition detract from Government enforceability nor limit the rights or remedies of the Government under all provisions of the contract.

Quality Control Plan (QCP) services will be monitored by the Service Provider in accordance with the approved QCP submitted by the Service Provider. The surveillance method used by the Service Provider to meet the Government performance standard shall be determined by the Service Provider and documented in the QCP. Acceptable surveillance methods include:

- Random sampling. This is usually the most appropriate method for recurring tasks. With random sampling, services are sampled using a statistically based sampling procedure in which each service output in a lot has an equal chance of being selected to determine if the level of performance is acceptable. Random sampling works best when the number of instances of the services being performed is very large and a statistically valid sample can be obtained.
- 100% inspection of the output. This is usually only the most appropriate method for infrequent tasks or tasks with stringent performance requirements, e.g., where safety or health is a concern. With this method, performance is inspected/evaluated at each occurrence. One hundred percent inspection is too expensive to be used in most cases.
- Periodic inspection of the processes or output. This method, sometimes called "planned sampling," consists of the evaluation of tasks selected on other than a 100 percent or random basis. It may be appropriate for tasks that occur infrequently, and where 100 percent inspection is neither required nor practicable. A predetermined plan for inspecting part of the work is established using subjective judgment and analysis of agency resources to decide what work to inspect and how frequently to inspect it.
- Customer Surveys and validated customer complaints. Although usually not a primary method, this is a valuable supplement to more systematic methods. In certain situations where customers can be relied upon to complain consistently when the quality of performance is poor, customer surveys and customer complaints may be a primary surveillance method, and customer satisfaction an appropriate performance standard. In all cases, complaints shall be documented, preferably on a standard form.

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PRD PARA	SERVICE PERFORMED	PERFORMANCE STANDARD	MAX ERROR RATE
C-17.3.1.2	The Service Provider shall publish training bulletins and schedules.	All training bulletins will be printed and distributed by 1000 each Thursday	10% Lot = Number of training bulletins per year
C-17.3.1.5.2	The Service Provider shall update range activities using RFMSS	All unit range activities will be updated in RFMSS on a real-time basis as reported by customers, range controller and schedulers	5% Lot = Number of control desk RFMSS updates per month
C-17.3.1.5.2	The Service Provider shall update range activities using RFMSS	All RFMSS end of days will be conducted between 0630 and 0700 daily	0%
C-17.3.1.5.4	The Service Provider shall man the tower for Record Fire II Qualification Range, when in use, and operate the computer targeting control system	Range controller mans and operates computer targeting system during time range is in use, to include warm-up and shut down	0%
C-17.3.2.1	The Service Provider shall maintain range buildings and training support facilities	All repairs to range buildings and training support facilities and training aids will be completed within 10 work days of identification	3% Lot = Number of range building, training support facility, and training aid repairs monthly
C-17.3.2.1	The Service Provider shall maintain range buildings and training support facilities	All range buildings, training support facilities and training aids will be painted annually	2% Lot = Number of range buildings, training support facilities, and training aids painted per year
C-17.3.2.2	The Service Provider shall maintain shooting ranges	All target mechanism operational checks will be conducted 1 workday prior to range use and after maintenance	2% Lot = Number of operational checks on target mechanisms per month
C-17.3.3.1	The Service Provider shall mow grass in improved and semi-improved areas	Grass height in semi-improved areas will be maintained between 5 to 6 inches	10% Lot = Number of acres of semi-improved grounds mowed per month
C-17.3.3.3	The Service Provider shall clear brush from along road sides, training areas, fence lines, and firing areas approximately 5 months of the year from November to March	All brush cleared from roadside, training areas, fence lines, and firing areas or as directed by environmental personnel to protect endangered species habitats; all resulting debris chipped and dispersed at location	10% Lot = Number of acres of brush cleared per month
C-17.3.3.5.6	The Service Provider shall provide logistics support for special events	All equipment set up as specified and by requested date/time	1% Lot = Number of special events ground support provided annually

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PRD PARA	SERVICE PERFORMED	PERFORMANCE STANDARD	MAX ERROR RATE
C-17.3.4.1	The Service Provider shall issue and clear support facilities	All vacant facilities will be cleaned at least once per quarter; facilities repairs as required	10% Lot = Number of periodic facility repairs and cleanings per month
C-17.3.4.1	The Service Provider shall issue and clear support facilities	All keys will be accounted for and replaced when lost or damaged and customer charges for replacement cost identified to the Government	0% Lot = Number of keys controlled per year
C-17.3.4.2	The Service Provider shall order, issue, restock, and ensure cleaning of bedding (linens, blankets, and pillows) issued to for all ROTC units, JROTC units, and distinguished visitors	All bedding sets will be available in sufficient quantities to support customer requirements and clean bedding issued to customers at scheduled date/time or as directed	10% Lot = Number of bedding sets issued per quarter
C-17.3.4.4	The Service Provider shall set up facilities for special events	All furniture and equipment set up and equipment tested within 2 working days prior to scheduled event	10% Lot = Number of special events per year

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